

CAS/STN FILE 'WPIX, JAPIO, HCAPLUS, INSPEC, JICST-EPLUS' ENTERED AT  
14:51:08 ON 13 OCT 2006

L1	1132	SEA ABB=ON	PLU=ON	MOEM OR MOEMS OR MO EM OR MO EMS
L2	47	SEA ABB=ON	PLU=ON	MICROOPT?(2A) MEMS
L3	103	SEA ABB=ON	PLU=ON	MICRO OPTIC####(2A) MEMS
L4	105	SEA ABB=ON	PLU=ON	MICRO OPTIC####(2A) MEM
L5	48	SEA ABB=ON	PLU=ON	MICROOPT?(2A) MEM
L6	394	SEA ABB=ON	PLU=ON	(MICROOPT? OR MO OR MICRO OPTIC#####) (3A) (MICROELECTRO? OR MICRO ELECTRO OR MICROELECTROMECH?)
L7	234	SEA ABB=ON	PLU=ON	(MICROOPT? OR MO OR MICRO OPTIC#####) (3A) MICROMACH?
L8	97	SEA ABB=ON	PLU=ON	(MICROOPT? OR MO OR MICRO OPTIC#####) (3A) ELECTROMECH?
L9	234	SEA ABB=ON	PLU=ON	(MICROOPT? OR MO OR MICRO OPTIC#####) (3A) MICROMACH?
L10	2808	SEA ABB=ON	PLU=ON	(MICROOPT? OR MO OR MICRO OPTIC#####) (3A) MECHANIC?
L11	420	SEA ABB=ON	PLU=ON	(MICROOPT? OR MO OR MICRO OPTIC#####) (3A) MACHIN#####
L12	235	SEA ABB=ON	PLU=ON	MICROSCOP##### (3A) (MEM OR MEMS)
L13	109	SEA ABB=ON	PLU=ON	(LENS OR MICROLENS OR FRESNEL) (3A) (MEM OR MEMS)
L14	146	SEA ABB=ON	PLU=ON	COLLIMAT? AND MEMS
L15	371	SEA ABB=ON	PLU=ON	(MEMS OR ?ELECTROMECH? OR MEM DEVICE) AND ?REFLECTOR
L16	502	SEA ABB=ON	PLU=ON	(MEMS OR ?ELECTROMECH? OR MEM DEVICE) AND REFLECTOR
L17	257	SEA ABB=ON	PLU=ON	(MEMS OR MICROELECTROMECH? OR MEM DEVICE) AND REFLECTOR
L18	8	SEA ABB=ON	PLU=ON	(MEMS OR MICROELECTROMECH? OR MEM DEVICE) AND MICROREFLECTOR
L19	19	SEA ABB=ON	PLU=ON	(MEMS OR MICROELECTROMECH? OR MEM DEVICE) AND RETROREFLECTOR
L20	2764	SEA ABB=ON	PLU=ON	(MEMS OR MICROELECTROMECH? OR MEM DEVICE) AND (MIRROR OR MICROMIRROR)
L21	103	SEA ABB=ON	PLU=ON	MICROMOTOR? AND (MIRROR OR MICROMIRROR)
L22	41	SEA ABB=ON	PLU=ON	MICRO MOTOR AND (MIRROR OR MICROMIRROR)
L23	8301	SEA ABB=ON	PLU=ON	(L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22)
L24	141	SEA ABB=ON	PLU=ON	L23 AND STACK#####
L25	34	SEA ABB=ON	PLU=ON	L23 AND SANDWICH#####
L26	116	SEA ABB=ON	PLU=ON	L23 AND MULTILAYER?
L27	21	SEA ABB=ON	PLU=ON	L23 AND MULTILEVEL?
L28	71	SEA ABB=ON	PLU=ON	L23 AND LAYERED
L29	2	SEA ABB=ON	PLU=ON	L23 AND LAYERING
L30	53	SEA ABB=ON	PLU=ON	L23 AND (MULTI OR MULTIPLE) (W) LAYER#####
L31	655	SEA ABB=ON	PLU=ON	L23 AND (SI OR SEMICONDUCT##### OR SILICON) (2A) (CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
L32	21	SEA ABB=ON	PLU=ON	L23 AND POLYSI##### (2A) (CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)
L33	328	SEA ABB=ON	PLU=ON	L23 AND REFLECT##### (3A) (BEAM OR LIGHT OR COLLIMAT#####)
L34	1717	SEA ABB=ON	PLU=ON	L23 AND (PATTERN##### OR MICROPATTERN##### OR GRID##### OR MICROGRID##### OR ARRAY##### OR MICROARRAY#####)
L35	12	SEA ABB=ON	PLU=ON	L23 AND MONOCRYST?
L36	234	SEA ABB=ON	PLU=ON	L23 AND (MONO OR SINGLE) (W) CRYST#####

L37 91 SEA ABB=ON PLU=ON L23 AND FOCUS##### (3A) (BEAM OR LIGHT)  
 L38 196 SEA ABB=ON PLU=ON L23 AND COLLIMAT#####  
 L39 30 SEA ABB=ON PLU=ON L23 AND PARALLEL(3A) BEAM  
 L40 52 SEA ABB=ON PLU=ON L23 AND FRESNEL#####  
 L41 33 SEA ABB=ON PLU=ON L23 AND (LIGHT OR RADIATION) (5A) (EMIT#####  
 OR EMISS##### OR SOURCE) (5A) (SI OR POLYSI##### OR SILICON OR  
 CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)  
 L42 28 SEA ABB=ON PLU=ON L23 AND SOC  
 L43 68 SEA ABB=ON PLU=ON L23 AND SYSTEM(2W) CHIP  
 L44 170 SEA ABB=ON PLU=ON L23 AND (REFLECT##### OR RETROREFLECT#####  
 OR MICROREFLECT#####) (5A) (SI OR POLYSI##### OR SILICON OR CHIP  
 OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)  
 L45 789 SEA ABB=ON PLU=ON L23 AND (MIRROR## OR RETROMIRROR## OR  
 MICROMIRROR##) (5A) (SI OR POLYSI##### OR SILICON OR CHIP OR  
 MICROCHIP OR WAFER OR DIE OR SUBSTRATE)  
 L46 183 SEA ABB=ON PLU=ON L23 AND (REFLECT##### OR RETROREFLECT#####  
 OR MICROREFLECT#####) (5A) (SI OR POLYSI##### OR SILICON OR  
 CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)  
 L47 148 SEA ABB=ON PLU=ON L23 AND (PATTERN#### OR MICROPATTERN####) (5  
 A) (SI OR POLYSI##### OR SILICON OR CHIP OR MICROCHIP OR  
 WAFER OR DIE OR SUBSTRATE)  
 L48 250 SEA ABB=ON PLU=ON L23 AND (ARRAY### OR MICROARRAY####) (5A) (SI  
 OR POLYSI##### OR SILICON OR CHIP OR MICROCHIP OR WAFER OR  
 DIE OR SUBSTRATE)  
 L49 566 SEA ABB=ON PLU=ON L23 AND (SURFACE) (5A) (SI OR POLYSI#####  
 OR SILICON OR CHIP OR MICROCHIP OR WAFER OR DIE OR SUBSTRATE)  
 L50 390 SEA ABB=ON PLU=ON (L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR  
 L30)  
 L51 3183 SEA ABB=ON PLU=ON (L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR  
 L37 OR L38 OR L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR  
 L46 OR L47 OR L48 OR L49)  
 L52 679 SEA ABB=ON PLU=ON MICROMIRROR ARRAY#####  
 L53 3367 SEA ABB=ON PLU=ON (L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR  
 L30 OR L31 OR L32 OR L33 OR L34 OR L35 OR L36 OR L37 OR L38 OR  
 L39 OR L40 OR L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR  
 L48 OR L49 OR L50)  
 L54 3367 SEA ABB=ON PLU=ON L51 OR L53  
 L55 202 SEA ABB=ON PLU=ON L52 AND L54  
 L56 4725 SEA ABB=ON PLU=ON (ARRAY##### OR MICROARRAY####) (3A) (MIRROR#  
 #### OR MICROMIRROR####)  
 L57 2060 SEA ABB=ON PLU=ON (ARRAY##### OR MICROARRAY####) (3A) (REFLECT  
 OR OR MICROREFLECT#####)  
 L58 579 SEA ABB=ON PLU=ON L54 AND L56  
 L59 32 SEA ABB=ON PLU=ON L54 AND L57  
 L60 610 SEA ABB=ON PLU=ON L55 OR L58 OR L59  
 L61 7 SEA ABB=ON PLU=ON L43 AND L60

FILE 'WPIX, JAPIO, HCAPLUS, INSPEC, JICST-EPLUS' ENTERED AT 15:27:53 ON  
 13 OCT 2006

L62 1 SEA ABB=ON PLU=ON MICROSCALE ADAPTIVE OPTICS/TI

FILE 'STNGUIDE' ENTERED AT 15:28:12 ON 13 OCT 2006

FILE 'SCISEARCH' ENTERED AT 15:28:51 ON 13 OCT 2006

L63 1 SEA ABB=ON PLU=ON MICROSCALE ADAPTIVE OPTICS/TI  
 D ALL  
 L64 SEL PLU=ON L63 1- RE : 20 TERMS  
 L65 658 SEA ABB=ON PLU=ON L64  
 L66 4 SEA ABB=ON PLU=ON L65 AND SYSTEM(2W)CHIP  
 L67 0 SEA ABB=ON PLU=ON L65 AND ONCHIP

L68 11 SEA ABB=ON PLU=ON L65 AND ON CHIP  
 L69 1 SEA ABB=ON PLU=ON L65 AND SOC  
 L70 0 SEA ABB=ON PLU=ON L65 AND ENTIRE SYSTEM  
 L71 2 SEA ABB=ON PLU=ON L65 AND WHOLE SYSTEM  
 L72 17 SEA ABB=ON PLU=ON (L66 OR L67 OR L68 OR L69 OR L70 OR L71)  
 D ALL TOT

FILE 'STNGUIDE' ENTERED AT 15:30:37 ON 13 OCT 2006

FILE 'INSPEC' ENTERED AT 15:31:56 ON 13 OCT 2006

E MOEMS/CT

L73 238 SEA ABB=ON PLU=ON MOEMS/TI  
 L74 2 SEA ABB=ON PLU=ON L73 AND ON CHIP  
 D ALL TOT  
 L75 6795 SEA ABB=ON PLU=ON MICRO-OPTICS  
 L76 13290 SEA ABB=ON PLU=ON MICROMECHANICAL DEVICES  
 L77 1028 SEA ABB=ON PLU=ON L75 AND L76  
 L78 15 SEA ABB=ON PLU=ON (L73 OR L77) AND ON CHIP  
 L79 4 SEA ABB=ON PLU=ON (L73 OR L77) AND SYSTEM ON A CHIP  
 L80 18 SEA ABB=ON PLU=ON (L78 OR L79)  
 L81 16 SEA ABB=ON PLU=ON L80 NOT L74  
 D ALL TOT

FILE 'HCAPLUS' ENTERED AT 15:34:24 ON 13 OCT 2006

L82 100155 SEA ABB=ON PLU=ON SYSTEM ON A CHIP OR ONCHIP OR ON CHIP  
 L83 34 SEA ABB=ON PLU=ON L82 AND MOEMS  
 L84 34 SEA ABB=ON PLU=ON L82 AND MOEM  
 L85 42 SEA ABB=ON PLU=ON L82 AND MICROOPTIC?  
 L86 74 SEA ABB=ON PLU=ON L82 AND MICRO OPTIC?

FILE 'REGISTRY' ENTERED AT 15:35:11 ON 13 OCT 2006

L87 82 SEA ABB=ON PLU=ON SI/MF

FILE 'HCAPLUS' ENTERED AT 15:35:33 ON 13 OCT 2006

L88 32 SEA ABB=ON PLU=ON L87 AND (L83 OR L84 OR L85 OR L86)  
 L89 2 SEA ABB=ON PLU=ON L88 AND ?GRID?  
 L90 3 SEA ABB=ON PLU=ON L88 AND ?PATTERN?  
 L91 6 SEA ABB=ON PLU=ON L88 AND ?ARRAY?  
 L92 0 SEA ABB=ON PLU=ON L88 AND ?COLUMN?  
 L93 0 SEA ABB=ON PLU=ON L88 AND ROW##  
 L94 9 SEA ABB=ON PLU=ON (L89 OR L90 OR L91 OR L92 OR L93)  
 L95 135 SEA ABB=ON PLU=ON (L83 OR L84 OR L85 OR L86)  
 L96 10 SEA ABB=ON PLU=ON L95 AND SYSTEM(2A)CHIP  
 L97 8 SEA ABB=ON PLU=ON L96 NOT L94

FILE 'HCAPLUS' ENTERED AT 16:09:56 ON 13 OCT 2006

L98 45 SEA ABB=ON PLU=ON ("LEE S, 1995, V67, P1555, J APPL PHYS  
 LETT"/RE OR "LEE S, 1995, V67, P2135, APPL PHYS LETT"/RE OR  
 "LEE S, 1995, V67, P3, APPL PHYS LETT"/RE OR "LEE S, 1995,  
 V67, P43, APPL PHYS LETT"/RE OR "LEE S, 1995, V67, P45, APPL  
 PHYS LETT"/RE) OR ("LEE S, 1995, V7, P1031, IEEE J PHOTO  
 TECHNO LETT"/RE OR "LEE S, 1995, V7, P1031, IEEE PHOTON  
 TECHNOL LETT"/RE OR "LEE S, 1995, V7, P1031, IEEE PHOTONICS  
 TECHNOL LETT"/RE)  
 L99 1 SEA ABB=ON PLU=ON L98 AND ?FRESNEL?  
 L100 2 SEA ABB=ON PLU=ON L98 AND ?MIRROR?  
 L101 2 SEA ABB=ON PLU=ON L98 AND ?REFLECT?  
 L102 4 SEA ABB=ON PLU=ON (L99 OR L100 OR L101)  
 L103 2 SEA ABB=ON PLU=ON SURFACE TENSION SELF-ASSEMBLED/TI  
 L104 SEL PLU=ON L103 1- RE : 103 TERMS

L105	1272	SEA	ABB=ON	PLU=ON	L104
L106	6	SEA	ABB=ON	PLU=ON	L105 AND FRESNEL?
L107	9	SEA	ABB=ON	PLU=ON	L105 AND COLLIMAT?
L108	73	SEA	ABB=ON	PLU=ON	L105 AND ?REFLECT?
L109	171	SEA	ABB=ON	PLU=ON	L105 AND ?MIRROR?
L110	0	SEA	ABB=ON	PLU=ON	L105 AND ?SPECULAR?
L111	7	SEA	ABB=ON	PLU=ON	L105 AND LIGHT SOURCE
L112	123	SEA	ABB=ON	PLU=ON	L105 AND LASER
L113	3	SEA	ABB=ON	PLU=ON	L105 AND SYSTEM(3W)CHIP
L114	18	SEA	ABB=ON	PLU=ON	L108 AND L112
L115	38	SEA	ABB=ON	PLU=ON	L109 AND L112
L116	66	SEA	ABB=ON	PLU=ON	(L106 OR L107) OR L111 OR (L113 OR L114 OR L115)
L117	19	SEA	ABB=ON	PLU=ON	L116 AND 1990-2000/PY
L118	0	SEA	ABB=ON	PLU=ON	L116 AND 1990-2000/PRY
					D L117 ALL TOT